

Natural Gas Vehicle Technology Forum 2016 Meeting

The National Renewable Energy Laboratory (NREL), in partnership with the California Energy Commission (CEC) and the U.S. Department of Energy (DOE), will hold the 2016 Natural Gas Vehicle Technology Forum (NGVTF) on Oct. 18 and 19, 2016, in San Diego, California.

This meeting will provide an opportunity for participants to gain a greater understanding of new developments in compressed natural gas, natural gas storage, and fueling infrastructure for natural gas vehicles. Participants will discuss regulations, market barriers, and opportunities for natural gas vehicle technologies. Learn more about NGVTF.

Meeting Overview

Start: Oct. 18, 2016 @ 8:00 a.m.

End: Oct. 19, 2016 @ 5:00 p.m.

 Add to calendar

Location: San Diego Automotive Museum
2080 Pan American Plaza
San Diego, CA 92101

Registration is required to attend the meeting.

[Register](#)



Lodging

A block of rooms have been reserved at the Holiday Inn Express San Diego Downtown to accommodate NGVTF attendees.

Reservations: Room reservations must be made by **Saturday, September 24** to receive the discounted rate of \$140 per night. To make a room reservation, call 1-800-884-5788 or reserve online. Be sure to reference the "Natural Gas Vehicle Technology Forum" when making your reservation to ensure the discounted rate. (**Note:** The online reservation link will not work on mobile devices.)

Agenda

Following is a tentative agenda for the meeting.

Oct. 18, 2016

Time	Session	Presenter
8:00 a.m. – 8:30 a.m.	Continental Breakfast	
8:30 a.m. – 8:45 a.m.	Welcome	Peter Chen (California Energy Commission (CEC)) and Rey Gonzalez (CEC)
8:45 a.m. – 8:50 a.m.	Introduction and Agenda Review	Margo Melendez (National Renewable Energy Laboratory (NREL))
8:50 a.m. – 9:10 a.m.	NGVTF – U.S. Department of Energy (DOE) Update	Dennis Smith (DOE)
9:10 a.m. – 9:40 a.m.	Alternative and Renewable Fuel and Vehicle Technology Program	Andre Freeman (CEC)

Time	Session	Presenter
9:40 a.m. – 10:10 a.m.	Natural Gas Hybridization	Abas Goodarzi (US Hybrid Corporation) and Ted Barnes (Gas Technology Institute (GTI))
10:10 a.m. – 10:30 a.m.	Break	
10:30 a.m. – 11:00 a.m.	Sustainable Freight Action Plan Update	Andre Freeman (CEC)
11:00 a.m. – 11:30 a.m.	Compressed Natural Gas (CNG) Pathways Forward Panel Discussion	Rey Gonzalez (CEC) and Dennis Smith (DOE)
11:30 a.m. – 12:50 p.m.	Lunch – Networking	
12:50 p.m. – 1:30 p.m.	CNG Facilities and Modifications	Sean Turner (Gladstein, Neandross & Associates (GNA)) and Bob Cole (GNA)
1:30 p.m. – 2:00 p.m.	Changes to NFPA 52: Code Changes Affecting Heavy-Duty Trucks and Buses	Quon Kwan (Federal Motor Carrier Safety Administration/ Department of Transportation (FMCSA/DOT))
2:00 p.m. – 2:30 p.m.	HPDI 2.0 and Enhanced SI Technologies	Brad Douville (Westport)
2:30 p.m. – 3:15 p.m.	6.7L Development, 8.9L Production, 11.9L R&D	Stephen Ptucha (Cummins Westport)
3:15 p.m. – 3:30 p.m.	Break	

Time	Session	Presenter
3:30 p.m. – 4:00 p.m.	Drivers for the Development of the Next Generation Natural Gas Engines	Dean Saito (South Coast Air Quality Management District (SCAQMD))
4:00 p.m. – 4:30 p.m.	Advanced Ignition	John Reed (North American RePower)
4:30 p.m. – 5:00 p.m.	Wrap-Up and Questions	John Gonzales (NREL)

Oct. 19, 2016

Time	Session	Presenter
8:00 a.m. – 8:30 a.m.	Continental Breakfast	
8:30 a.m. – 8:35 a.m.	Introduction and Agenda Review	Margo Melendez (NREL)
8:35 a.m. – 9:15 a.m.	Natural Gas Vehicle Incentives and Infrastructure Deployment Funding	Andre Freeman (CEC)
9:15 a.m. – 10:00 a.m.	CNG Releases and Maintenance Facilities	Myra Blaylock (Sandia National Laboratory)
10:00 a.m. – 10:20 a.m.	Break	
10:20 a.m. – 11:20 a.m.	Vehicle Incidents and Lessons Learned	Rob Adams (Marathon Technical Services) and Amit Bhakta (Agility Fuel Systems)
11:20 a.m. – 11:50 a.m.	End-of-Life Tank Safety and Acoustical Testing	Lauren Lynch (NREL)
11:50 a.m. – 12:50 p.m.	Lunch – Networking	

Time	Session	Presenter
12:50 p.m. – 1:20 p.m.	Renewable Natural Gas Production Project Update	Evan Edgar (Blue Line Transfer, Inc.)
1:20 p.m. – 1:45 p.m.	A New Out-Of-Service Criterion for Natural Gas Commercial Vehicles	Quon Kwan (FMCSA/DOT)
1:45 p.m. – 2:15 p.m.	CSA 6.1 Failure Modes & Effect Analysis/ NGV America Technology & Development Committee Introduction	Dan Bowerson (NGV America)
2:15 p.m. – 2:45 p.m.	Liquefied Natural Gas Bunkering and Rail Opportunities	Erik Neandross (GNA)
2:45 p.m. – 3:10 p.m.	Break	
3:10 p.m. – 4:00 p.m.	Open Issues and General Discussion	
4:00 p.m. – 4:30 p.m.	Issues, Key Points, Next Steps, and Priorities for Next Meeting	Margo Melendez (NREL), Mark Smith (DOE), and Rey Gonzalez (CEC)

More Information

For more information, contact [✉ John Gonzales](#).

Clean Cities is a resource of the U.S. Department of Energy's Vehicle Technologies Office.

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